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ELECTRON EMITTERS AND METHOD FOR FORMING THEM

**ABSTRACT**

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Electron emitters and a method of fabricating emitters which have a concentration gradient of impurities, such that the highest concentration of impurities is at the apex of the 10 emitters, and decreases toward the base of the emitters. The method comprises the steps of doping, patterning, etching, and oxidizing the substrate, thereby forming the emitters having impurity gradients.

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